

Converting Colors

Hex(858A76)

Have a look what the booklet for
Hex(858A76) contains.

Hex(858A76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(858A76)

Conversions

Conversions Part 1

Format	Color
Hex	858A76
RGB	133, 138, 118
RGB Percent	52%, 54%, 46%
CMY	0.4784, 0.4588, 0.5373
CMYK	0.04, 0.00, 0.14, 0.46
HSL	75°, 8%, 50%
HSV	75°, 14%, 54%
XYZ	22.0314, 24.4715, 20.7018
YIQ	134.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

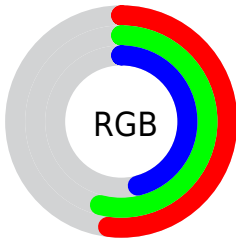
Format	Color
RYB	118, 138, 123
Decimal	8751734
CIELab	56.56, -5.60, 10.09
CIELCh	57, 11.545, 119.038
Yxy	24.4715, 0.3278, 0.3641
Android (android.graphics.Color)	4286941814 (0xFF858A76)
YUV	134.2250, -7.9989, -1.0743
Hunter-Lab	49.4687, -7.0735, 9.8162

Details

The Hex color **858A76** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B768A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BABFAA**, and **535846** is the 20% darker color. If you saturate the color by 10%, you get **828A68**, and if you desaturate by 10%, it is **888A84**.

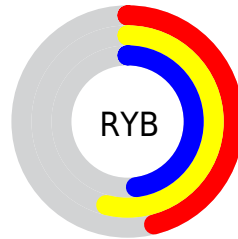
Distribution



Red (52%)

Green (54%)

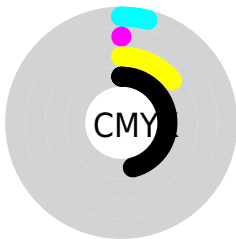
Blue (46%)



Red (46%)

Yellow (54%)

Blue (48%)

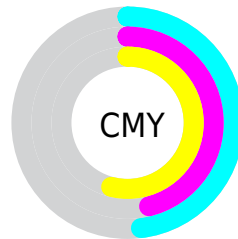


Cyan (4%)

Magenta (0%)

Yellow (14%)

Black (46%)



Cyan (48%)

Magenta (46%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858A76 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 858A76 by changing the saturation by 10% instead.



858A76



858A76

FFFFFF



6C715D



BABFAA



535846



D6DBC5



3C412F



F2F8E1



262B1A

FFFFFFE



131600



000000



858A76



858A76



828A68



888A84



7E8A5A



8C8A92

 7B8A4D

 8F8A9F

 778A3F

 938AAD

 748A31

 968ABB

 708A23

 9A8AC9

 6D8A15

 9D8AD7

 698A08

 A18AE4

 688A00

 A48AF2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



908774



858A76



7A8C7D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



858A76



728B98



9C8188

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



858A76



7B768A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



958292



858A76



7C899B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



858A76



6E8D91



898599



9D817E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



858A76



738D83



898599



9A818C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



858A76



B1B3AB



8A7B76



585955



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



858A76



ABB394



7B8A76



43453E



638500



040500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7B768A



9C94B3



85768A



403E45



210085



010005

Previews

White Background



This preview shows how the Hex color 858A76 looks on a white background.

Color Contrast Check

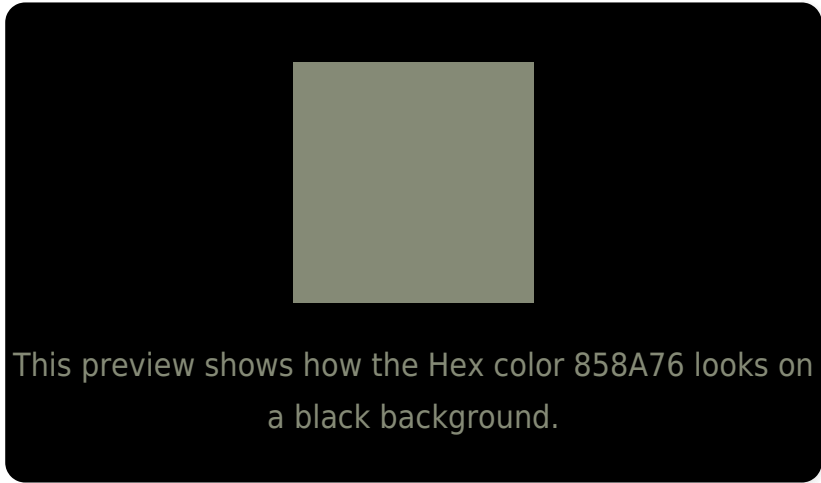
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

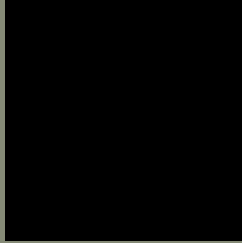
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

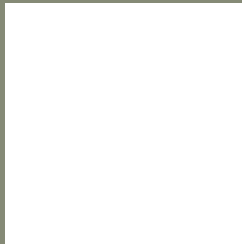
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 858A76 Background



This preview shows how black text looks on a background with the Hex color 858A76.



This preview shows how white text looks on a background with the Hex color 858A76.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
858A76

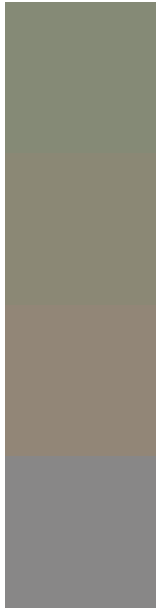
Protanopia
8E8775

Deuteranopia
9A8377



Tritanopia
898691

Trichromacy



Original Color
858A76

Protanomaly
8B8875

Deuteranomaly
928677

Tritanomaly
888787

Monochromacy



Original Color
858A76

Achromatopsia
868686

Achromatomaly
868780

CSS Examples

Text

The CSS property to change the color of the text to Hex 858A76 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #858A76 looks like.

```
.text, #text, p{  
    color:#858A76  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #858A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858A76
}
```

Border

The CSS property to change the border of an element to Hex 858A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#858A76 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#858A76 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #858A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858A76; -webkit-box-shadow:4px 4px  
4px 4px #858A76; box-shadow:4px 4px 4px  
4px #858A76 }
```

Background

The CSS property to change the background color of an element to Hex 858A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858A76 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#858A76 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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